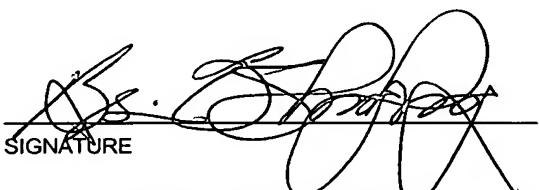


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| Substitute for Form<br>PTO-1390      U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE   |  | ATTORNEY'S DOCKET NUMBER<br>031210-039                              |
| <b>TRANSMITTAL LETTER TO THE UNITED STATES<br/>DESIGNATED/ELECTED OFFICE (DO/EO/US)<br/>CONCERNING A FILING UNDER 35 U.S.C. 371</b>  |  | U.S. APPLICATION NO. (if known, see 37 CFR 1.5)<br><b>10/530748</b> |
| INTERNATIONAL APPLICATION NO.<br>US2003/031759   | INTERNATIONAL FILING DATE<br>October 7, 2003 | PRIORITY DATE CLAIMED<br>October 8, 2002                            |
| TITLE OF INVENTION<br><br><b>METHOD FOR ENRICHING ADHERENT MONOCYTE POPULATIONS</b>  |  |   |
| APPLICANT(S) FOR DO/EO/US<br>Stephen J. WAGNER, Andrew MYRUP and Christina M. CELLUZZI   |  |   |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:  |  |   |
| <p>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission to items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (22) indicated below.</p> <p>4. <input checked="" type="checkbox"/> The US has been elected by the expiration of 19 months from the priority date (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))           <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input checked="" type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ul> </p> <p>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))           <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ul> </p> <p>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))           <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ul> </p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p> |  |   |
| <p><b>Items 11 to 21 below concern document(s) or information included:</b></p> <p>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input type="checkbox"/> A <b>FIRST</b> preliminary amendment.</p> <p>14. <input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A change of power of attorney and/or address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. 1.821 - 1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p> <p>20. <input checked="" type="checkbox"/> Other items or information: <u>Application Data Sheet</u></p> <hr/> <hr/> <hr/> <hr/>   |  |   |

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| U.S. APPLICATION NO. (if known) see 37 CFR 1.5) <b>107530748</b>  |              | INTERNATIONAL APPLICATION NO.<br>US2003/031759 | ATTORNEY'S DOCKET NUMBER<br>031210-039 |
| <b>CALCULATIONS PTO USE ONLY</b>  |              |  |  |
| 21. <input checked="" type="checkbox"/> Applicant(s) requests that the published application include the following assignment information: <u>American National Red Cross, Rockville, MD 20855 (US)</u>   |              |  |  |
|   |              |  |  |
|   |              |  |  |
| 22. <input checked="" type="checkbox"/> The following fees are submitted:   |              |  |  |
| Basic Filing Fee (1631) \$ 300.00   |              |  |  |
| Surcharge of <b>\$130.00 (1617)</b> for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).                                 |              |  |  |
| CLAIMS  | NUMBER FILED | NUMBER EXTRA                                   | RATE \$                                |
| Total Claims  | 11 -20 =     | 0  | $\times \$50.00 (1615)$ \$ 0.00        |
| Independent Claims  | 2 -3 =       | 0  | $\times \$200.00 (1614)$ \$ 0.00       |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$360.00 (1616)   |              |  |  |
| Examination Fee + \$200.00 (1633) \$ 200.00   |              |  |  |
| Search Fee + \$500.00 (1632) \$ 500.00  |              |  |  |
| App. Size Fee (add \$250.00 for each add'l 50 sheets exceeding 100 sheets)  |              |  |  |
| TOTAL OF ABOVE CALCULATIONS \$ 1,000.00   |              |  |  |
| <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2. + \$ 500.00   |              |  |  |
| SUBTOTAL = \$ 500.00  |              |  |  |
| Processing fee of <b>\$130.00 (1618)</b> for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)). \$ 0.00                    |              |  |  |
| TOTAL NATIONAL FEE = \$ 500.00  |              |  |  |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). <b>\$40.00 (8021)</b> per property +  |              |  |  |
| TOTAL FEES ENCLOSED = \$ 500.00   |              |  |  |
| Amount to be refunded : charged :   |              |  |  |
| a. <input checked="" type="checkbox"/> A check in the amount of <u>\$ 500.00</u> to cover the above fees is enclosed.   |              |  |  |
| b. <input type="checkbox"/> Please charge my Deposit Account No. <u>02-4800</u> in the amount of _____ to cover the above fees. A duplicate copy of this sheet is enclosed.   |              |  |  |
| c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>02-4800</u> . A duplicate copy of this sheet is enclosed. |              |  |  |
| d. <input type="checkbox"/> Charge _____ to credit card. Form PTO-2038 is attached.   |              |  |  |
| NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.                                       |              |  |  |
| SEND ALL CORRESPONDENCE TO:<br><br>Burns, Doane, Swecker & Mathis, L.L.P.<br>P.O. Box 1404<br>Alexandria, Virginia 22313-1404<br>(703) 836-6620   |              |  |  |
| <br><b>SIGNATURE</b><br><u>Brian P. O'Shaughnessy</u><br><b>NAME</b>  |              |  |  |
| 32,747  |              | April 8, 2005                                  |  |
| REGISTRATION NO.  |              | DATE   |  |